

11-26-01

A Box SEP

GRAYCARY. TECHNOLOGY'S LEGAL EDGESM

4365 Executive Drive, Suite 1100
 San Diego, CA 92121-2133
 www.graycary.com

O] 858-677-1456
 F] 858-677-1465

11/13/01
 JC950 U.S. PTO

ATTORNEY DOCKET NO.: CIT1440-PTO

11/13/01
 JC971 U.S. PTO
 09/993291

EXPRESS MAIL Number: **EV 016 237 044 US**
 Date of Deposit: November 13, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner of Patents and Trademarks; Washington, DC 20231.

ALDON GRIFFIS

(Name of Individual Depositing with P.O.)

Aldon Griffis
 (Signature of Individual Depositing with P.O.)

November 13, 2001

ATTN: BOX PATENT APPLICATION
COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the new provisional-to-utility patent application of:

APPLICANTS: Bruce E. Shapiro, Eric D. Mjolsness and Andre Levchenko

**FOR: AUTOMATED METHODS FOR SIMULATING A
 BIOLOGICAL NETWORK**

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

Number of Pages

Specification	68
Claims	07
Abstract	01
Declaration – (Unsigned)	03
Drawing Sheets– (Formal)	29
Certification for Nonpublication	01
Transmittal under 37 CFR §1.52(e)	03
CDR Disks	02 Disks

SILICON VALLEY SAN DIEGO SAN DIEGO/GOLDEN TRIANGLE SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA

Gray Cary\GT\6265515.1
 104662-60

GRAY CARY WARE & FREIDENRICH LLP

ATTORNEY DOCKET NO.: CIT1440-1
Box PATENT APPLICATION
November 13, 2001
Page 2

Enclosures:

- Return Receipt Postcard
- Application Data Sheet

This application is a provisional-to-utility application and claims the benefit under 35 USC § 119(e) of U.S. Application Serial Nos. 60/247,174 filed November 10, 2000 and 60/000,000 filed November 2, 2001. This disclosure of the prior applications is considered part of and is incorporated by reference in the disclosure of this application.

The filing fee has been calculated as shown below: Small Entity status is claimed.

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Large Entity		Small Entity	Large Entity
Total Claims	32-20	=	12		\$09	\$18	=	\$108.00	\$0.00
Independent Claims	4-3	=	1		\$42	\$84	=	\$42.00	\$0.00
Multiple Dependent Claims Presented: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					\$140	\$280			\$0.00
					BASIC FILING FEE			\$370.00	\$740.00
					TOTAL FEE			\$520.00	\$0.00

PLEASE DEFER THE PAYMENT OF THE FILING FEE until the executed Declaration is filed.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

All future correspondence should be addressed to:

Lisa A. Haile, J.D., Ph.D.
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP

ATTORNEY DOCKET NO.: CIT1440-1

Box PATENT APPLICATION

November 13, 2001

Page 3

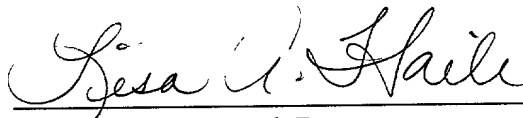
A copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH LLP

November 13, 2001

Date



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

Telephone: (858) 677-1456

Facsimile: (858) 577-1465

Enclosures

LAH/EJV:ag

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shapiro et al. Art Unit: Not yet assigned
Serial No.: Not yet assigned Examiner: Not yet assigned
Filed: November 13, 2001
Title: AUTOMATED METHODS FOR SIMULATING A BIOLOGICAL NETWORK

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

TRANSMITTAL LETTER UNDER 37 C.F.R. 1.52(e)

Submitted along with the above referenced application and incorporated by reference therein are two identical CD-R compact discs labeled "Copy 1" and "Copy 2." As required by 37 C.F.R. 1.52(e), Applicants herein provide the following information for the discs:

"EXPRESS MAIL" Mailing Label Number: **EV 016 237 044 US**
Date of Deposit: November 13, 2001

I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231

Aldon Griffis

TYPED OR PRINTED NAME OF PERSON MAILING PAPER)

Aldon Griffis

November 13, 2001

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

(Date)

In re Application of
Shapiro et al.
Application No.: Unknown
Filed: November 13, 2001
Page 2

PATENT
Attorney Docket No.: CIT1440-1

Machine format: IBM-PC

Operating system compatibility: MS-Windows

Files:

File name: Cellerator Pallete.nb

File size: 30kb,

Date created: 11/7/01;

File type: Mathematica Notebook source code text file

File name: Cellerator Pallete.txt

File size: 30kb,

Date created: 11/7/01;

File type: text file

File name: cellerator1.nb

File size: 1023kb,

Date created: 11/6/01;

File type: Mathematica Notebook source code text file

File name: Cellator1.txt

File size: 1023kb,

Date created: 11/6/01;

File type: text file

File name: cellerator2.nb

File size: 944kb,

Date created: 11/6/01;

File type: Mathematica Notebook source code text file

File name: Cellator2.txt

File size: 944kb,

Date created: 11/6/01;

File type: text file

In re Application of
Shapiro et al.
Application No.: Unknown
Filed: November 13, 2001
Page 3

PATENT
Attorney Docket No.: CIT1440-1

File name: cellerator3.nb

File size: 37kb,

Date created: 11/6/01;

File type: Mathematica Notebook source code text file

File name: Cellator3.txt


File size: 37kb,

Date created: 11/6/01;

File type: text file

Respectfully submitted,

Date: November 13, 2001



Lisa A. Haile, J.D., Ph.D.

Reg. No. 38,347

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

CUSTOMER NUMBER 28213
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1100
San Diego, California 92121-2133

PTO/SB/35

**REQUEST AND
CERTIFICATION UNDER

35 U.S.C. 122 (b)(2)(B)(i)**

**First Named
Inventor**

Bruce E. Shapiro et al.

Title

**AUTOMATED METHODS FOR
SIMULATING A BIOLOGICAL
NETWORK**

Atty. Docket No.

CIT1440-1

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 13, 2001

Date



Signature

LISA A. HAILE, Reg. No. 38,347

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing data for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**